



To: Mayor Evans and Members of Council

From: Tim Leitch, Director of Public Works
Public Works Department
Maryann Hunt, Director of Planning and Development
Planning & Development Department

Prepared By: Tim Leitch, Director of Public Works
Public Works Department

Report Number: PWR-034-24

Meeting Date: 10 Dec 2024

Subject: **Dynamic Beach Management Draft By Law presentation**
Our File No:

Recommendation

THAT Public Works Report PWR-034-24 regarding Dynamic Beach Management Draft By Law presentation be received;

AND THAT Council directs staff to proceed with Option 1, accept the Draft By Law for Public Engagement and report back to Council in April 2025 with final By Law.

Background/Analysis

One of the pillars for the Township of Tiny and Council is Environment First for today and future generations. This strategic initiative is reflected in many of the areas and activities within Tiny to ensure we preserve the unique environmental and social aspects that our residents and visitors have come to enjoy and expect. One of the many assets that Tiny has been blessed with is our Georgian Bay shoreline which has many distinct environment and geographic features. The following report will be focusing on the management of Dynamic Beaches for future preservation.

Township staff was directed to develop a Dynamic Beach By Law that would enable the Township to manage development within the dynamic beach areas. The goal of this By Law development will be to strike a balance between development and preservation of the dynamic beach areas on both municipal and non municipal properties.

Staff created a budget in 2023/4 to contract Aqua Solutions 5 Inc to develop the draft By Law to meet the Council direction and with the lens to preserve this unique natural feature within the shorelines of Tiny.

Many staff reports have been presented to Council which provided background, informative educational reviews of environmental considerations, and potential impacts of not planning and preserving this important asset. For reference, the following will summarize all the previous reports along with the date at which they were presented to Council. These reports have not been attached, due to size, to this report and no information has changed since publication:

- PWR-037-22 - Management of Dynamic Shoreline - Aug 31/22.
- PWR-011-23 - Management of Dynamic Beach Hazards - March 15/23.
- PWR-044-23 - Dynamic Beach Management Strategy Cost Estimate - Oct 11/23.
- PWR-014-24 - Dynamic Beach Management Update - April 8/24.
- Aqua Solutions 5 Inc Dynamic Beach Technical Update - August 31/22.
- PD-088-24 - Proposed Extension to the Interim Control By Law 23-044 - April 8/24.

The information contained within these documents will provide the necessary background for all future reports and communications. This staff report will not summarize or provide further historical information and will focus on steps and actions to continue moving forward.

Through the collaborative efforts of staff, AQS5, and MHBC Planning the following has been provided by MHBC Planning, including the draft Official Plan Amendments, Zoning By-law Amendments and proposed Dynamic Beach Management By-law. Dynamic Beach Area Mapping has been provided as Appendix 1.

The chart below will summarize what sections have draft changes and what page these are located within the reports. The draft changes have also been highlighted in **Yellow** in MHBC Memo dated November 28, 2024, Appendix 1 and 2.

Draft Official Plan Amendments:

Draft Official Plan Amendment Section	Page Number
A.3.1.11	9
A.3.1.16	10
B.4.2.h)	35
B.4.14.1 to .4	40/41
C.2.b)	67
C.4.2.1 to .4	70
C.4.2.5	71
E.4.13.1 to .3	123
Dynamic Beach Hazard Definition	140

Draft Zoning By Law Amendments:

Draft Zoning By Law Amendments Section	Page Number
1.4	1-23
2.5.1.e)	2-35
2.6.1 to .3	2-36
2.22.5	2-44/5
2.27.3	2-47

2.30.1.1 to .4	2-48
4.1	4-61
Dynamic Beach Hazard Definition	7-120

The current Interim Control By Law will expire June 2025. Council has directed staff to ensure we allow sufficient time for proper public engagement prior to finalizing the By Law for approval and implementation.

Staff have developed the following completion dates for key items in order to achieve this goal.

Table 1: Proposed Draft Timeline

Action	Details	Target Date	Responsibility
Council Report	PWR-034-24 presentation to Council	Dec 10/24	TL/MH
Public Engagement PIC (Public Information Centre)	PIC to review By Law and process with Public question/comment period.	Feb/25	TL/MH/MHBC
Statutory Public Meeting	Required under the Planning Act to have this mandatory meeting	Feb/25	TL/MH/MHBC
Create Application, Permit and fee structure form	Based on final public and Council review	Mar/25	TL/MH/MHBC
Policy/Procedure	To manage the process internally for staff and also public to map process.	Mar/25	TL/MH/MHBC
Present Initial Draft By Law to Council	Initial Draft By Law to reflect Council direction, staff development and public feedback.	Apr 2/25	TL/MH
Amended Draft By Law	If required based on report and feedback. This is being included to provide adequate time to allow further change prior to expiry of ICBL.	Apr/25	TL/MH/Council
Final presentation of By Law	Staff to present final By Law based on previous reports, directions and public engagement.	Apr 23/25	TL/MH
Approve Draft By Law	Final approval for By Law and removal of ICBL	May 14/25	Council

Public Communication of new By Law passing	Once approval is received develop and publish Public Communications for By Law passing and related reference links.	May/25	TL/MH/HL
By Law Reflection	Review By Law after 1 year of implementation.	May/26	TL/MH/Council
By Law Amendments	As deemed necessary by feedback, staff and Council direction.	May/26	TL/MH/Council
Refine Dynamic Beach Location Map	Use 2005 Baird Map (PWR-044-23) for By Law. Capital project to further refine the Dynamic Beach areas for mapping.	2026 Capital	TL/HL

In addition to the previous and future Council meetings, Council has directed staff to provide opportunities for further public input. The intent of the PIC and Public Planning meeting will be to include the public/residents, contractors, engineers, and any other parties with interest in the new By Law.

The PIC will be set up with a general introductory presentation that will contain technical material, background, environmental impacts/review and the draft By Law. The second half of the PIC will garner public feedback for staff to review and consider when developing the final Draft By Law for presentation to Council.

The Public Planning Meeting is a mandatory meeting that will be required under the Planning Act. This will be a separate meeting from the PIC.

Both meetings will be held in the evening to ensure we maximize attendance. In addition, we will provide both in-person and virtual attendance to ensure all impacted or interested parties are able to attend and provide input.

In advance and completion of the PIC/Public Meeting, staff will accept comments and suggestions but will not be replying to all individual e-mails. Comments and suggestions will be summarized and considered when developing the next draft for Council review and consideration. Questions will be monitored and replied to as deemed appropriate.

Reviewed By Other Departments

Planning & Development Department and MHBC Planning.

Options/Alternatives

Option #1

Council adopts Table 1 - Proposed Draft Timeline and receives the Draft By Law as information to be utilized during the PIC and Public Planning meeting.

Option #2

Council modifies Table 1 - Proposed Draft Timeline and provides staff with different timing and objectives but accepts the Draft By Law for use at PIC and Public Planning Meetings.

Option #3

Council recommends changes to the Draft By Law. Staff will need to review the changes and report back at a later date which may impact final timing and replacement of the current ICBL. This option is not recommended until after public engagement.

Option #4:

Council provides alternate direction to staff not noted above. This Option is not recommended until after public engagement.

Financial Implications

Option #1

PW has included additional funds in the 2025 Capital Budget (\$20,000) to ensure funds are available to cover this option. These funds would cover any external expenditures such as consultants (MHBC/AQS5) only.

Option #2

PW has included additional funds in the 2025 Capital Budget (\$20,000) and will need to review any requested changes for cost impacts. These funds would cover any external expenditures such as consultants (MHBC/AQS5) only.

Option #3

Staff would need to report back on any additional financial implications.

Option #4

Staff would need to report back on any additional financial implications.

Relationship to Strategic Plan

- Sustainable Long Term Fiscal Management
- Infrastructure Revitalization
- Environment and Public Land Management

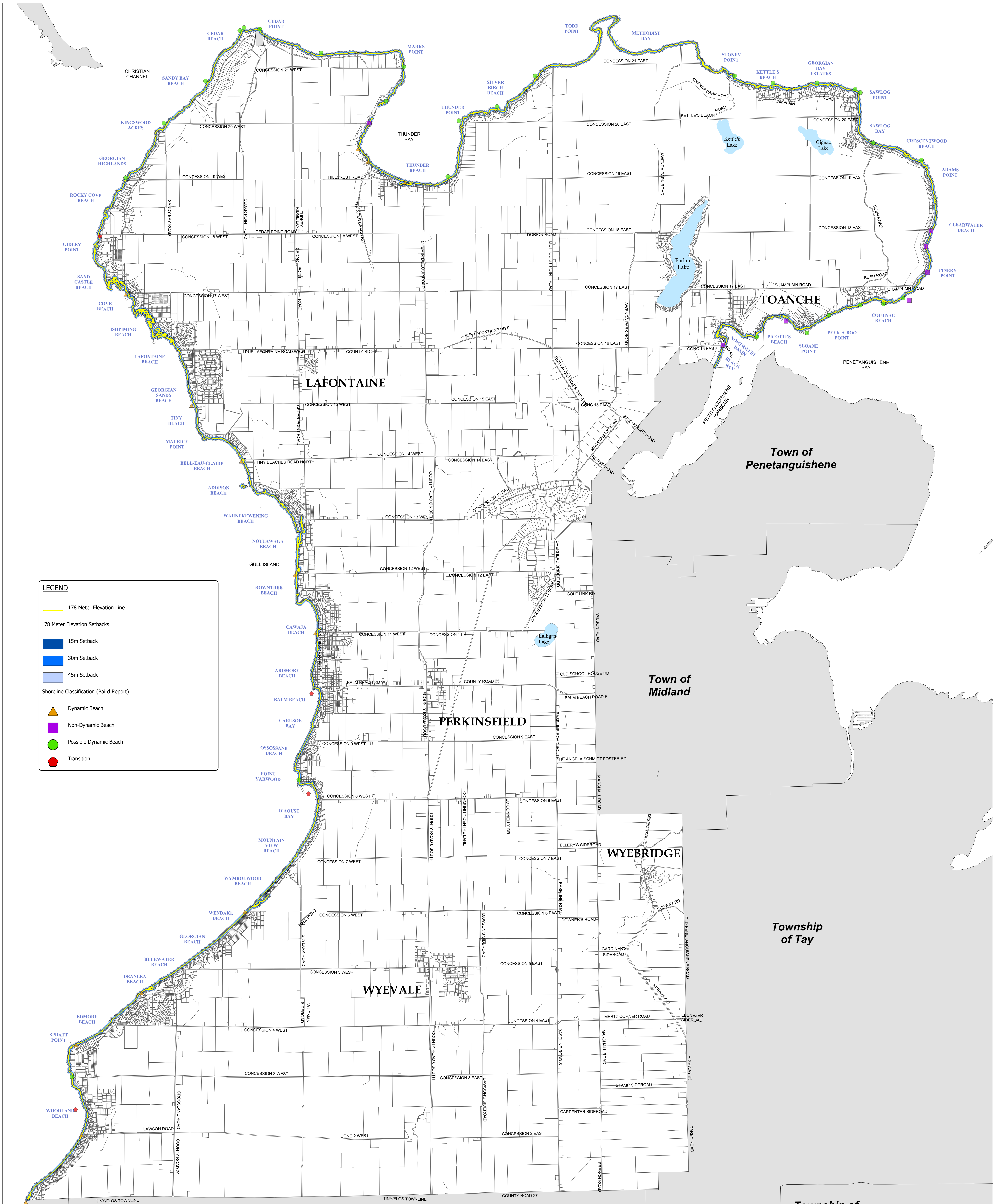
Conclusion

That Public Works Report PWR-034-24 regarding Dynamic Beach Management Draft By Law presentation be received and that Council directs staff to proceed with Option 1, accept Draft By Law for Public Engagement and report back to Council in April 2025 with final By Law.

Appendices

[PWR-034-24 - Appendix 1 - Dynamic Shoreline Map](#)

Robert Lamb, Chief Administrative Officer Approved - 03 Dec 2024



LEGEND

- 178 Meter Elevation Line
- 178 Meter Elevation Setbacks**

 - 15m Setback
 - 30m Setback
 - 45m Setback

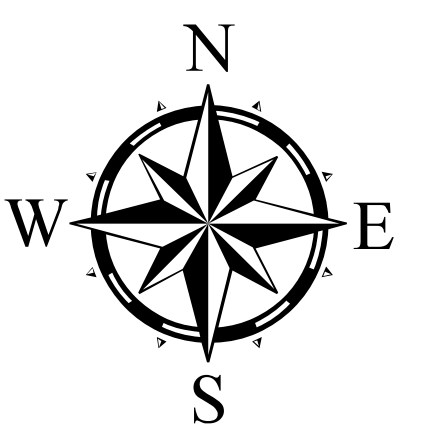
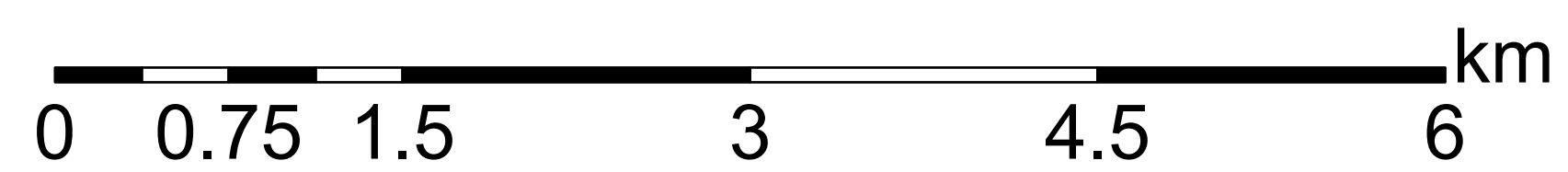
- Shoreline Classification (Baird Report)**

 - Dynamic Beach
 - Non-Dynamic Beach
 - Possible Dynamic Beach
 - Transition

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Dynamic Shoreline Management (178m)

SCALE 1:30,000



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